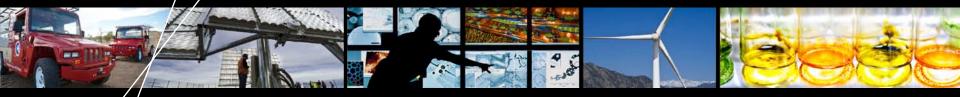


How to pioneer a successful crowd-sourcing site



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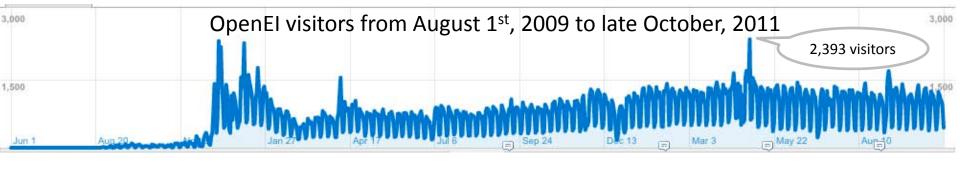
Introduction to OpenEl

Open Energy Information (OpenEl.org) is a free and open knowledge sharing platform created to facilitate access to energy-related data, models, tools, and information. The collaborative nature of the platform, built using Semantic MediaWiki and following Linked Open Data standards, has led to the creation of a clean energy commons.



A brief history of OpenEl.org







The OpenEI team



What is crowd sourcing?

Here is a crowd-sourced crowdsource definition:

Crowdsourcing is the act of sourcing tasks traditionally performed by specific individuals to an undefined large group of people or community (crowd) through an open call.

- wikipedia.org

To crowd-source, or not...

Why

- Free or low-cost
- Harness DIY mentality for content, data, products
- Out of the box ideas
- Predictions based off "wisdom of the crowds"

Why not

- Low-quality inputs (typos, bad data, spam)
- Legal challenges
- Hard to build up a critical mass



Audience survey

 Crowd-sourcing online is often thought of as group creation and organization of documents and media.

Audience survey

Wikipedia

- 3.8M content pages
- 494 M page edits
- 15.6 M registered users
- 145 K active users in last 30 days

Next largest wikis?

- Wikimedia Commons
- Then, Baidu Baike, a censored encyclopedia
 - 3.5 M articles
 - First three weeks, Baidu Baike grew to 90 K articles







Why even try?

Private contribution sites

- o Is momentum top-down or bottom-up?
- Does the site have a specific goal, and really meet the needs of at least 1 person?

Public contribution sites

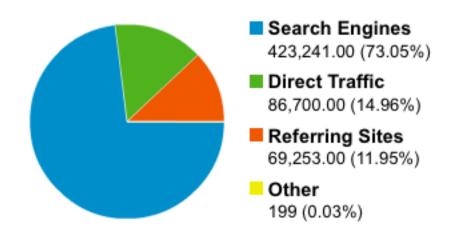
- o What is the barrier to entry?
- o Are others already doing this better?
- Do you have content experts and funding for the 'dry season'?

Why even try?

- Know what success is
- Be prepared for failure or eventual loss of interest
 - "When you lose interest in a program, your last duty to it is to hand it off to a competent successor." – summation from the Cathedral and the Bazaar
 - "Often, the most striking and innovative solutions come from realizing that your concept of the problem was wrong." – summation from the Cathedral and the Bazaar
 - Plan an exit strategy
- Prepare for the long-haul

Starting the snowball

- Use bots to populate content and data
- Give your staff free time to populate and warden your content
- Interns, interns. Interns.
- Press releases
- 1-minute model
- Work on SEO



The snowball gains momentum

- Continually update content
- APIs and demo apps
- Highlight successes
- Blogging
- Forums, comments, or something to get people talking
- Challenges, cash prizes
- Seek out groups who find your information useful, and get them relying on it
- Help content

Getting people to contribute to a wiki

Tip: Check out the 90-9-1 theory (see wikipatterns.com)

Carrots

Self-promotion, especially if your site has great SEO



- "Street cred" community respect and rewards
- Encourage editing over creating, templates
- Lower the barrier

Sticks

- "Ack! My company info is wrong!"
- All my competitors have a listing..
- Forced submission of data

The snowball is unstoppable

- Team up with outside partners
- Don't stop at cutting the apron strings, give away control
- Tame your complexity and increase "goodness" (check out the <u>Simplicity Cycle</u> for free)
- Funding for data wardens in high-value areas
- External apps rely on your data
- Long-term community members

Persistence against all odds!







Building apps to showcase your data

OpenEl apps

- Utility rate database
- LEDS
- CLEAN
- Incentives page
- Incentive widget
- Transparent cost database (restricted beta)

More information

- OpenEl.org
- @openenergyinfo
- Amazon case study on OpenEl
- <u>List of large-scale open crowdsourcing</u>
 <u>examples</u>
- Amazon Mechanical Turk

Thanks!